Title (en)

METHOD OF GENERATING KEY CODE IN COORDINATE RECOGNITION DEVICE AND VIDEO DEVICE CONTROLLER USING THE SAME

Title (de)

VERFAHREN ZUR ERZEUGUNG EINES SCHLÜSSELCODES IN EINEM KOORDINATENERKENNUNGSGERÄT UND VIDEOGERÄTESTEUERUNG DAMIT

Title (fr)

PROCÉDÉ DE PRODUCTION DE CODE DE TOUCHE DANS UN APPAREIL DE RECONNAISSANCE DE COORDONNÉES ET CONTRÔLEUR VIDÉO EMPLOYANT CE PROCÉDÉ

Publication

EP 2087727 A1 20090812 (EN)

Application

EP 07746740 A 20070529

Priority

- KR 2007002593 W 20070529
- KR 20060095727 A 20060929

Abstract (en)

[origin: WO2008038882A1] A video device controller (101) and method for generating a key code enable key code generation by a single instance of manipulation of the controller by a user The video device controller (101) includes a touch pad (110) having a predetermined touch pattern; a coordinate recognition unit (120) for recognizing coordinate values corresponding to a touch trajectory executed with respect to the touch pad (110); a key signal input unit (130), having a plurality of keys, for generating a key signal according to a user selection, the plurality of keys including at least one hotkey corresponding to a set of video device functions; a system controller (140) for generating, in response to a user operation of the hotkey, an OSD command signal for displaying an OSD keypad having a set of menu items corresponding to the video device functions, the OSD keypad being configured according to the predetermined touch pattern, for calculating values of at least one of a direction, speed, and distance of the touch trajectory using the recognized coordinate values, and for outputting a movement command signal based on the calculated values and the key signal, the movement command signal shifting an object among the OSD menu items displayed on the video device; and a key code generator (150) for respectively generating a key code corresponding to the OSD command signal and a key code corresponding to the movement command signal.

IPC 8 full level

H04N 5/445 (2011.01); **G06F 3/02** (2006.01); **G06F 3/033** (2006.01); **G06F 3/0354** (2013.01); **G06F 3/048** (2006.01); **G06F 3/0488** (2013.01); **G06F 3/0489** (2013.01); **H04N 5/44** (2011.01)

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